

1 ABSTRACT

2 A method for making an opening in the bladder of
3 an inflatable modular structure is disclosed and
4 claimed. The structure has a core comprised of a fore
5 and aft assembly separated by a longeron. There is an
6 inflatable bladder and a restraint layer that are
7 secured to the core. The restraint layer is comprised
8 of two circumferential strap assemblies; each
9 attachedly fastened at opposing ends of a radial strap
10 assembly, and has an opening for a window. The
11 restraint layer fits over the bladder. The bladder
12 is inflated and the restraint layer is used along with
13 a window template to locate the position of the window
14 on the bladder. The bladder is deflated, the template
15 is removed, and the identified portion of the bladder
16 is cut away. The method may then be repeated.

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